



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D5794-9**  
**Job Sheet 207008**



D5794-9  
9  
9.00

ok to release @ Rev.A  
per ECW20-521

**Part No:** D5794-9

**Job Qty:** 2 pcs

**Part Name:** Cutout Bottom



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 2/14/20

**Job Tracking No:**

**Due Date:** 3/13/20

**Created By:** Linda Lacelle

**Type:** Stock

**Description:**

**Note:** DWG 5794 REV.A7 IPP REV:A NEW ISSUE 20.31.01 JV VERF:DD

**Ship Via:**

### Bill of Materials

### Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Basket - 1	2 pcs	3/13/20		0.00	0.13	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
							Large Fab - 11 (Various)		
							Large Fab - 12		
110	QC 5	2 pcs	3/13/20		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 51		

*cf.*

D 20.02.21



**Container No:** S257419



**Part:** D5794-9

**Job No:** 207008

**Serial No/Batch:** S257419

**Revision:** REV.A

**Inspector:**

**Exp Date:**

**Instructions:**

Date: 02/21/20

1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

120 Packaging 3-1 - Stock - B4B 2 pcs

3/13/20

0.00 0.00

Packaging 3 - 1 - B4B

Packaging 3 - 2 - B4B

Packaging 3 - 3 - B4B

Packaging 3 - 4 - B4B

Packaging 3 - 5 - B4B

Packaging 3 - 6 - B4B

Packaging 3 - 7 - B4B

Packaging 3 - 8 - B4B

Packaging 3 - 9 - B4B

Packaging 3 - 10 - B4B

Packaging 3 - 11 - B4B

Packaging 3 - 12 - B4B

Packaging 3 - 13 - B4B

Packaging 3 - 14 - B4B

Packaging 3 - 15 - B4B

Packaging 3 - 16 - B4B

Packaging 3 - 17 - B4B

Packaging 3 - 18 - B4B

Packaging 3 - 19 - B4B

Packaging 3 - 20 - B4B

Packaging 3 - 21 - B4B

Packaging 3 - 22 - B4B

Packaging 3 - 23 - B4B

Packaging 3 - 24 - B4B

Packaging 3 - 25 - B4B

Packaging 3 - 26 - B4B

Packaging 3 - 27 - B4B

Packaging 3 - 28 - B4B

Packaging 3 - 29 - B4B

Packaging 3 - 30 - B4B

Packaging 3 - 31 - B4B

Packaging 3 - 32 - B4B

Packaging 3 - 33 - B4B

Packaging 3 - 34 - B4B

Packaging 3 - 35 - B4B

Packaging 3 - 36 - B4B

Packaging 3 - 37 - B4B

QA

130 QC 21 - SA

2 pcs

3/13/20

0.00 0.00

QC 21 - SA - 21

21

QC 21 - SA - 70

70

QC 21 - SA - 53

53

FEB 25 2020

Part Op 100 - 1- Cut as per dwg 2- Deburr

Descriptions: 110 - QC5- Inspect part completeness to step on W/O

120 - Identify as per dwg & Stock Location: *M4 004*

130 - QC21- Final Inspection - Work Order Release

## Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M4130NTS0.500W.035	4130 Square Tube .500 X .500 X .035W	1,4032 ft (.7016 ea)	100-Large Fab - Basket - 1	<i>M132313</i>

## Job Allocations

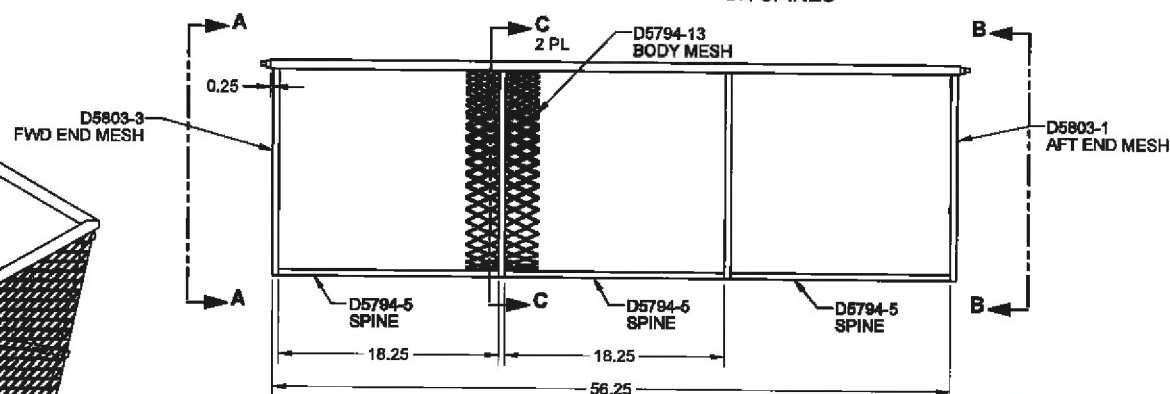
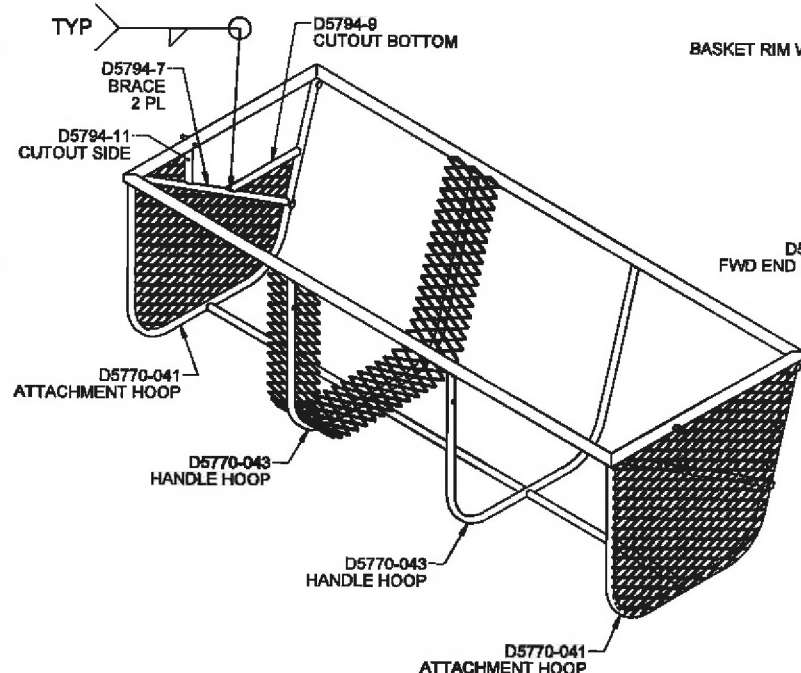
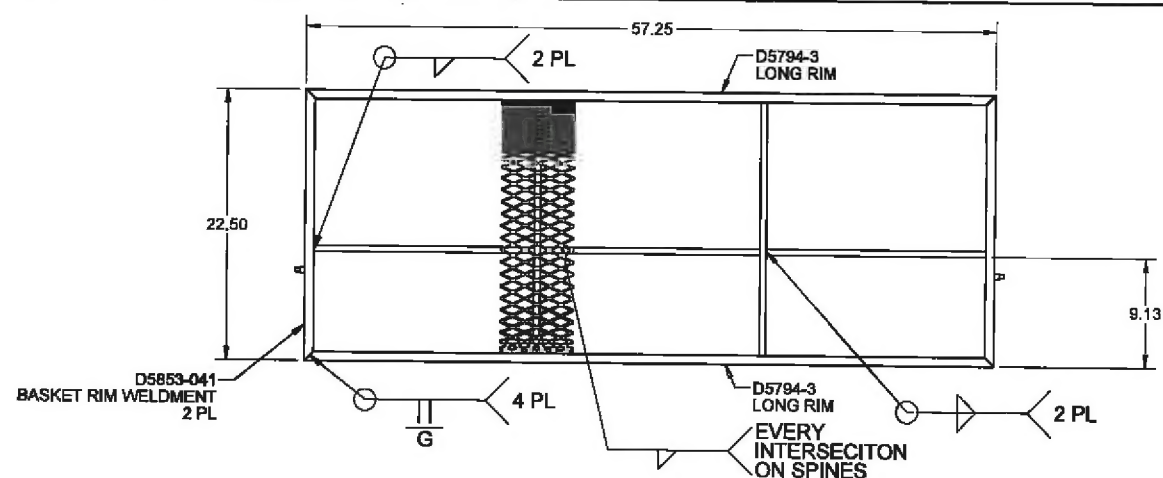
Operation	Component Part	Required	Inventory	Allocated
100-Large Fab - Basket - 1	M4130NTS0.500W.035	1	151	0

## Part Specifications

Specifications could not be found.



QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH
2	D5853-041	BASKET RIM WELDMENT



**D5794-041 SHORT BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

# NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-041" AND SERIAL NUMBER PER DART QSI 044 6.6
- 7) WEIGHT: 21.59 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

REV.	DESCRIPTION	ZF	DATE
A	NEW ISSUE		20.01.14
DESIGN	ZF		
DRAWN	ZF		
CHECKED	KPT		
MFG. APPR.	DD		
APPROVED			
DE APPR.			
DATE	20.01.14		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

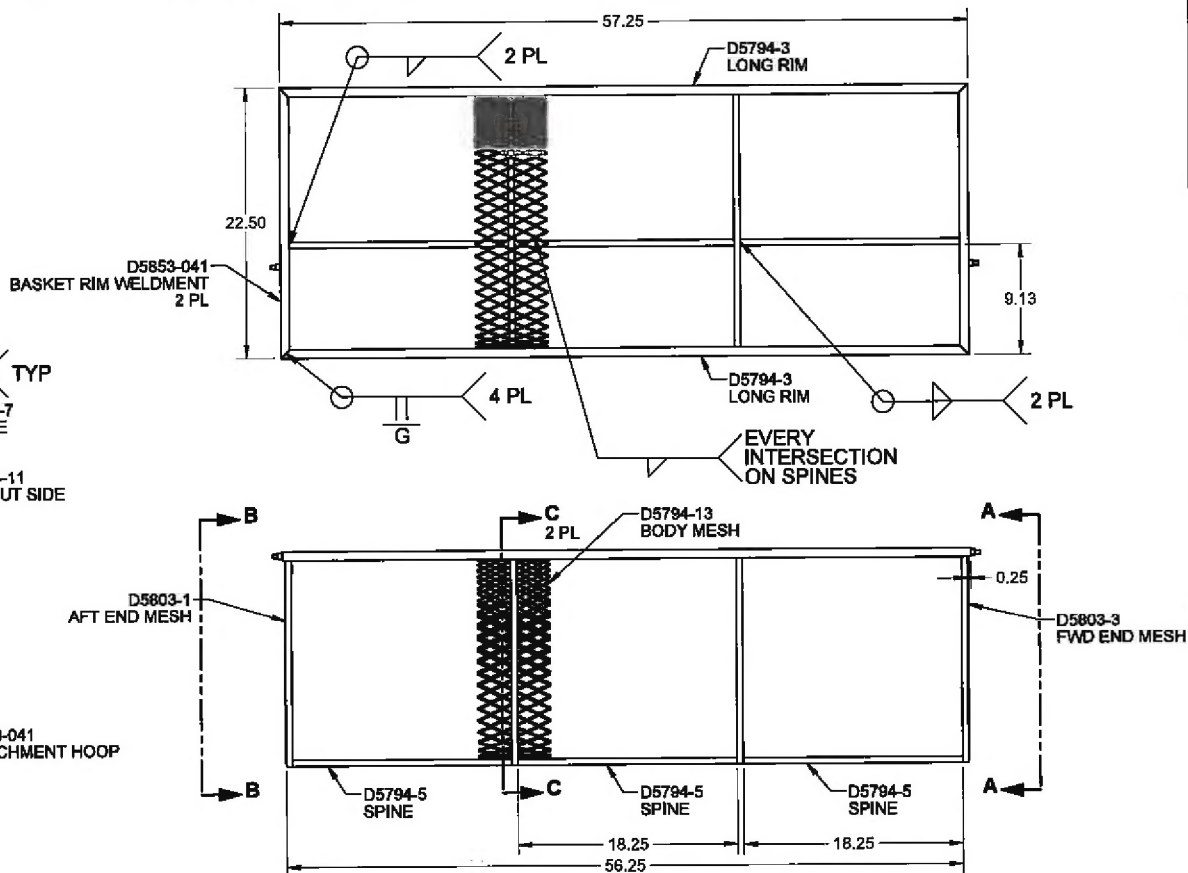
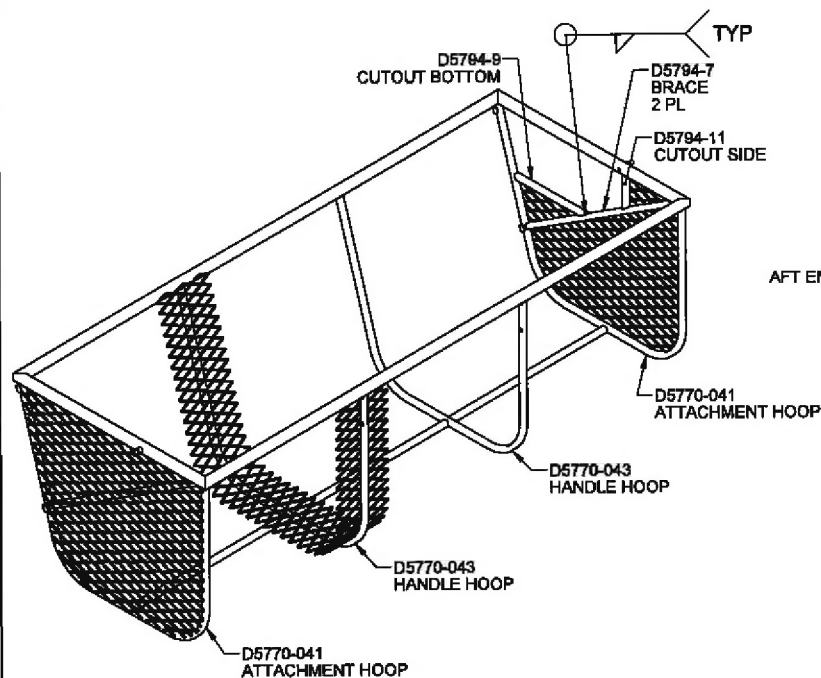
DRAWING NO.  
**D5794**

TITLE  
**SHORT BASKET BODY**

REV. A5  
SHEET 1 OF 6  
SCALE  
NTS

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QTY -842	P/N	DESCRIPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



**D5794-042 SHORT BASKET BODY, RH**  
(MESH SHOWN LOCALLY FOR CLARITY)

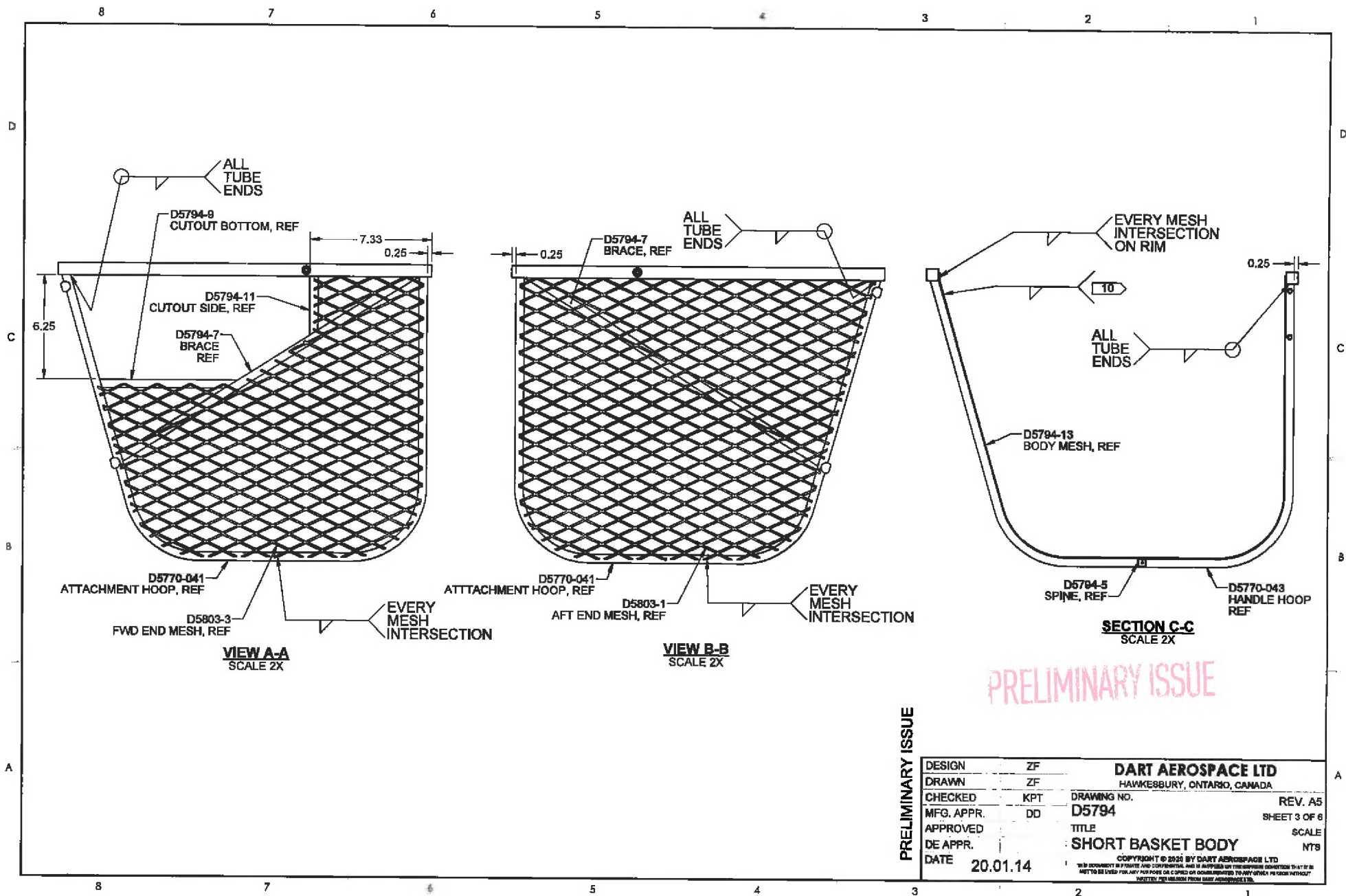
**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-042" AND SERIAL NUMBER PER DART QSI 044 6.8
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A5
DRAWN	ZF		
CHECKED	KPT	DRAWING NO. D5794	SHEET 2 OF 8
MFG. APPR.	DD	TITLE SHORT BASKET BODY	SCALE
APPROVED			NTS
DE APPR.			
DATE	20.01.14		

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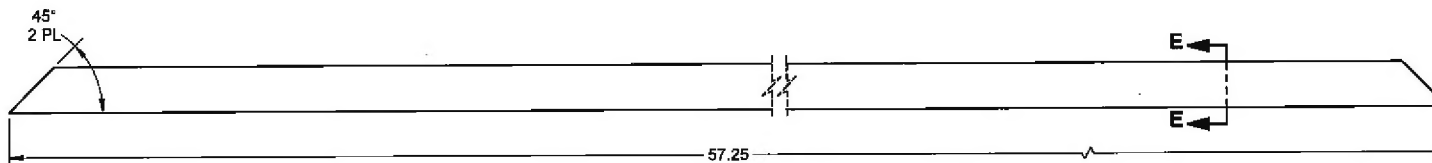
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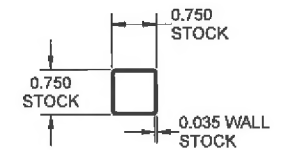
C

B

A



**D5794-3 LONG RIM**



**SECTION E-E**

**NOTES:**

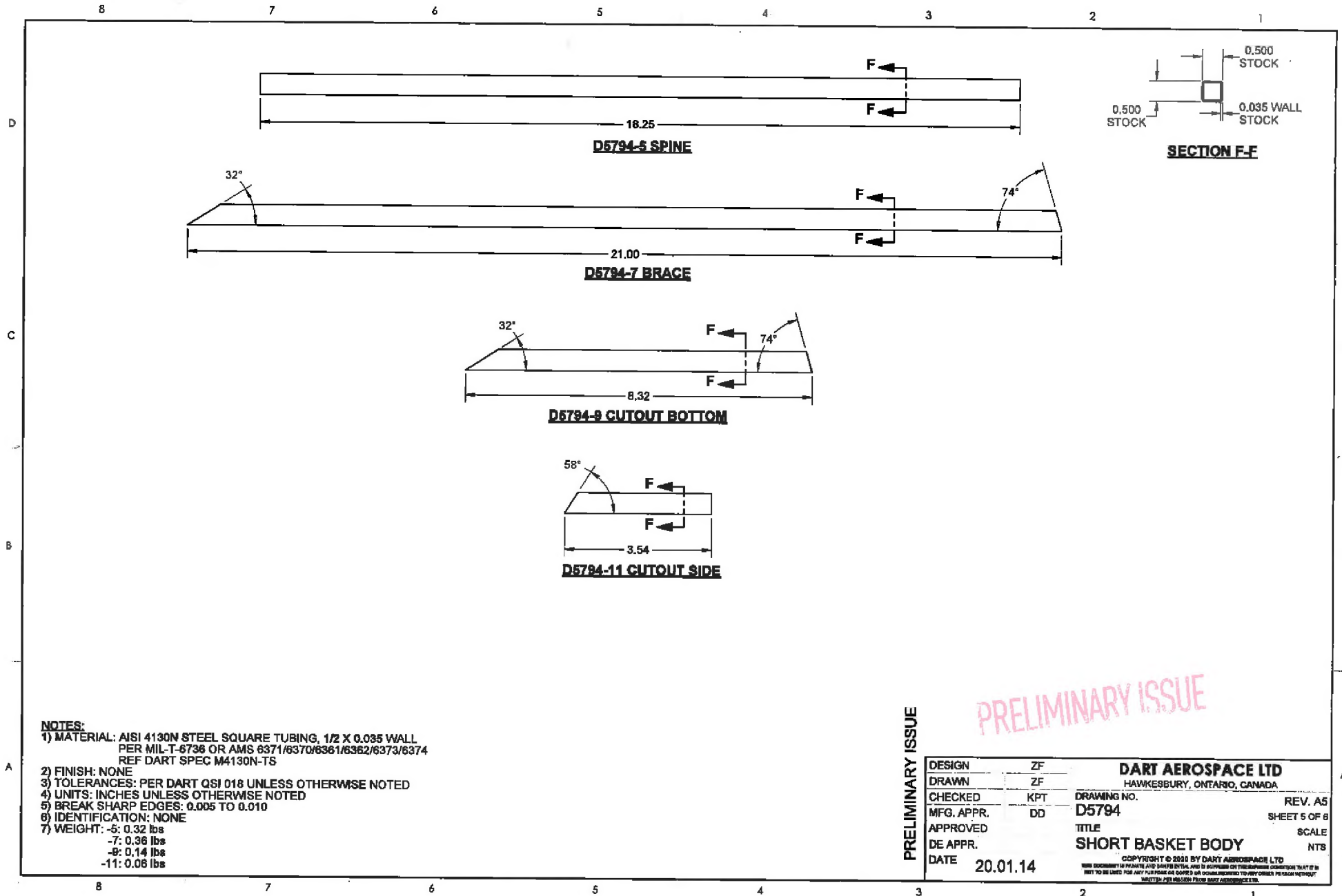
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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8 7 6 5 4 3 2 1



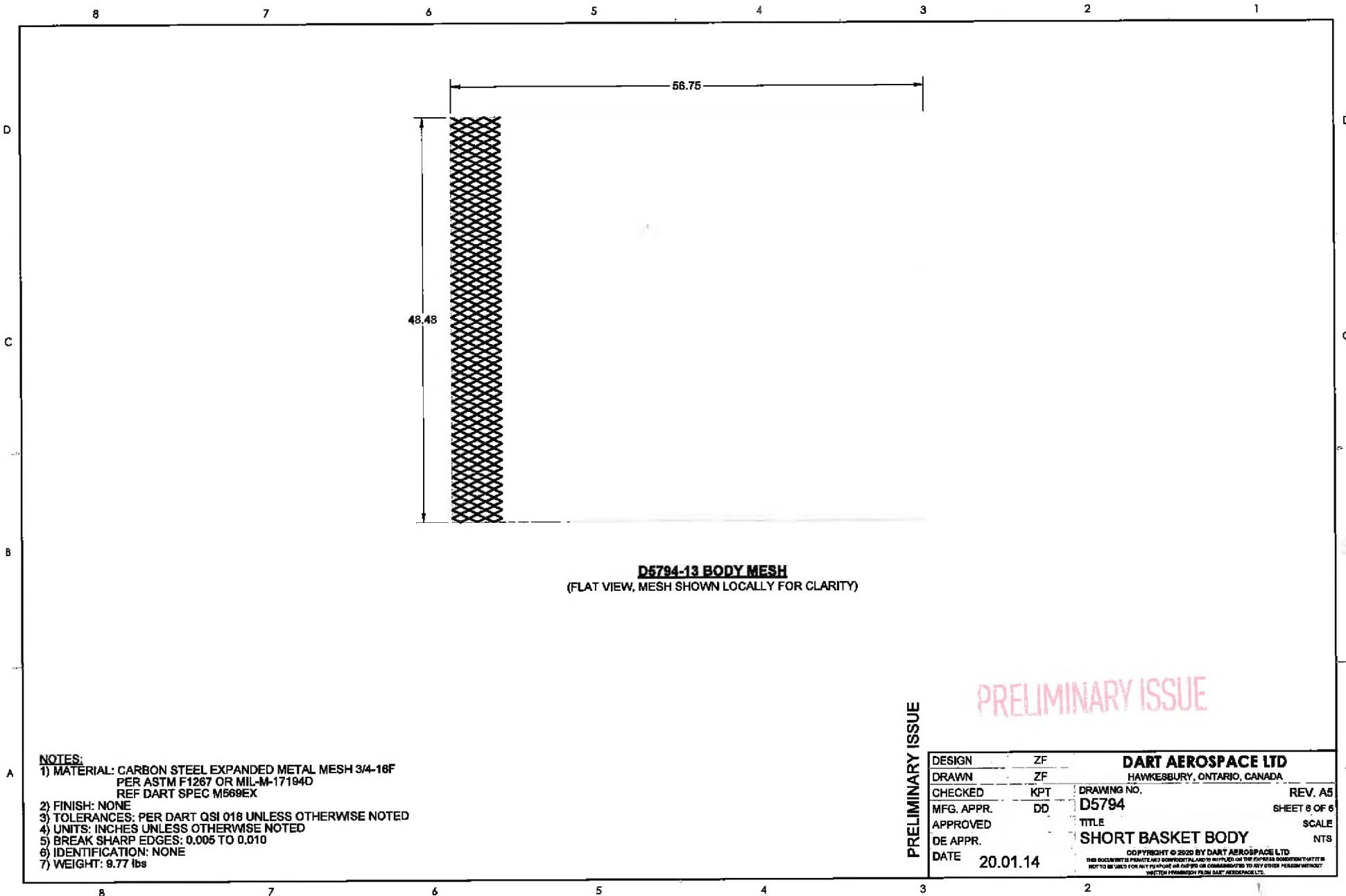
**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-8736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -6: 0.32 lbs  
-7: 0.36 lbs  
-8: 0.14 lbs  
-11: 0.08 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 5 OF 8
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	<b>D5794</b>	SHEET 8 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT BASKET BODY</b>	NTS
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## INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

1000

All amounts are calculated in domestic currency.

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Sid	PO U/M/ Stock U/M	Required Date/ Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name			VU-FAC001 - Factory Steel								
PO28412	1		M1130NTS0.500W.O F 35		5/15/2015	5/19/2015	313.0000	\$5.98	0.0000	0	\$1,871.74
USD	No		4130 Square tube .500 x .500 x .035w m132313	f	300.0000	DCUSER		\$1,871.74	0.0000	0	
	4		71400-15 cut & pack m132313	Each	5/15/2015	5/19/2015	1.0000	\$45.00	0.0000	0	\$45.00
	No				1.0000	DCUSER		\$45.00	0.0000	0	
	5		71401-45 PROCUREMENT QUALITY CLAUSES m132313		5/15/2015	5/19/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No				1.0000	DCUSER		\$0.00	0.0000	0	

# PACKING LIST

No. 46980

PG 1 OF 1

FACTORY STEEL & METAL SUPPLY  
14020 OAKLAND AVENUE  
DETROIT, MI 48203

(313)883-6300 PHONE  
(313)883-4883 FAX

SOLD TO  
DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

PURCHASE ORDER #  
P028412  
JOB NAME

SALES ORDER #  
40836  
ORDER DATE  
05/08/2015

SHIP TO  
DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

BUYER  
CHANTEL LAVOIE  
Tel (613) 632-3336  
Fax (613) 632-4443

SALES REP  
NICK HALON  
SHIP INST  
YRC COLLECT  
PRO#

TERMS  
NET 30 DAYS

SHIP DATE  
05/11/2015

SHIP VIA  
YRC

RECEIPT #  
59-2958719

CARRIER  
YRC

BLIND Y/N  
N

FOB  
DETROIT

LINE	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT	UNIT PRICE	TOTAL
1	313 FT	4130N CD SHLSS SQ TUBE 1/2" X .035W		21' / 24' RL	69.266		
		Our Tag # M111 Ref # Heat # Pcs Total Ft					
		107988 019824 571750 24 211					
2	1 PC	PACKING CHARGES					
		HTRS (CIRCLE) FAX SHIPMENT INVOICE ALL					
		DATE: INITIAL:					

TOTAL WT  
69 LBS

TOTAL

RECEIVED BY - SIGNATURE

RECEIVED BY - PRINTED NAME

DATE RECEIVED



**PLYMOUTH TUBE CO.**  
1708 East 12th Street, Spencer, Illinois 61764  
Phone: (815) 873-1815 Fax: (815) 872-7343



# PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS  
108798 - 1 / 1

**TRUST YOUR SOURCE ACCEPT NO SUBSTITUTIONS**

SOLD TO

PTC - Plymouth Engr. CD Shapes  
201 Commerce Court  
Hopkissville, KY 42240  
USA

WORK ORDER 019824  
HEAT NUMBER 571758  
MET SOURCE Benteler Steel & Tube-Germany

ISO 9001, 14001  
AND  
TS 16949

CERTIFIED

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LOADING NO	CERT DATE
2128	SQ-A12035	5,478.3 #	00063335	07/01/2013
PART DESCRIPTION SHSOD50035J000				
*** Square OD ***				
Side1: 0.5006 Max:0.5100 Min:0.4900				
Side2: 0.5306 Max:0.5400 Min:0.4900				
Wall: 0.0350 Max:0.0380 Min:0.0320				
Length: 14.0024 m				
Type: ML-T 67358 Seamless Aircraft				
Grade: 4338				
Anneal: Control N				

## CERTIFICATION REQUIREMENTS

FAR BAA (FAR 52.225-1 Buy America Act Supplies), DFARS 252.225-7001 Buy America Act & Bal. of Payments Program FAR TAA (FAR 82.225-6 Trade Agreements) and FAR 25.416-1 Buy America Act. This material was fully Current tested and conforms to the requirements of ASTM A-550. The Grain size is determined by the raw material supplier in accordance to ASTM E-412. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2440 and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. This is determined by using the 0.2% offset method. Material produced in accordance to ASTM A-519-12.

## Chemical Analysis

C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn
.320	.55	.006	.002	.340	.031	.87	.18	.08	.001	.09	.002	.002	.011

## Physical Properties

Temp.	Severely	Grain Size
.071		9

## Mechanical Properties

TEST	UNITS	TEST	HIGH	LOW	AVERAGE	CERT
Tensile	Pa	Pa	133100	128020	132265	2171
Yield	Pa	Pa	130770	125190	127986	2170
Elongation	%	%	22	22	22	0
Rockwell B	Rb	Rb	98	98	98	0
Rockwell C	Rc	Rc				
RE-T	RE-T	RE-T				
Decarbid	Pass	Pass				
Total ID/OD decarb	Pass	Pass				

I certify that the results are a true and correct copy of the results prepared and released by Plymouth Tube Company, in compliance with the requirements of the stated specification. Chemistry is as required by the Steel supplier. This test report complies with the requirements of the specification and is not to be used for any other purpose without the written permission of Plymouth Tube.

*John D. Dussard*  
Quality Assurance





**PLYMOUTH TUBE CO.**  
 1208 East 12th Street, Streator, Illinois 61354  
 Phone: (815) 673-1616 Fax: (815) 672-7343  
**TRUST YOUR SOURCE! ACCEPT NO SUBSTITUTIONS!**



## PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

108798 - 1 / 1

WORK ORDER 019824  
 HEAT NUMBER 571756  
 MELT SOURCE Benteler Steel & Tube-Germany

SOLD TO:

PTG - Plymouth Engr. CD Shapes  
 201 Commerce Court  
 Hopkinsville, KY 42240  
 US

ISO 9001, 14001  
 AND  
 TS 16949

**CERTIFIED**

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT DATE
2128	SQ-N12035	5,478.3 R	00063335	07/01/2013
PART DESCRIPTION SHSQ0500035J000				
Additional Specification(s)				
<p>A. S-T 673E3, S-T 673 &amp; 6371J</p> <p>This test report data is for the heat Chemistry Stated above.</p> <p>The material in this test report is:</p> <p>1) Drawn in the USA</p> <p>2) Free from <u>Polybrominated Biphenyls (PBB)</u>, <u>Polybrominated Diphenyl Ethers (PBDE)</u>, and <u>Mercury</u> contamination.</p> <p>3) <u>RoHS</u> compliant.</p> <p>End of Certification</p>				

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streator in compliance with the requirements of the cited specification. Chemistry is as supplied by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

*John D. Dwyer*

Quality Assurance



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28412**

Purchase Order Date 5/8/2015 12:26:41 PM

PO Print Date 5/8/2015

Page Number 1 of 2

**Order From :**

VU-FAC001

**Ship To :** DART AEROSPACE LTD

FACTORY STEEL  
14026 OAKLAND AVE.  
DE FROIT, MI 48203  
US

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

REC'D 22

**Contact Name**

**Vendor Phone**

613 632 6300

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

YRC pnd

**Ship Acct:**

**Buyer**

**Customer FOID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-7607

Net 30

USD

Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
1	M4130-100-10W-12	1120 Square tube .500 x .500 x .035w	5/15/2015		300.00	\$5.98	\$1,794.00
			Yes		f		
		MATERIAL: AISI 316 STEEL SQUARE TUBING AS PER	5/15/2015				
		ME T-27-50-100-10W-12 606361-6362-6373-6374					
Line Total:							\$1,794.00
4	71490-10	cut & pack	5/15/2015		1.00	\$45.00	\$45.00
			Yes		Each		
			5/15/2015				
Line Total:							\$45.00

606361-19

Note:

5/8/2015



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28412**

Purchase Order Date 5/8/2015 12:26:41 PM  
PO Print Date 5/8/2015

Page Number 2 of 2

**Order From :**

VU-FAC001

**Ship To :** DART AEROSPACE LTD

FABORY STEEL  
14020 OAKLAND AVE.  
DETROIT, MI 48203  
US

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

Vendor Phone 213 883 6300

**Ship to Contact**

Ship to Phone

Ship to Fax

Ship to Email

**Buyer**

Chantal Lavoie

**Customer POID**

Customer Tax # 10137-7507

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

5	71901-02	PROCUREMENT QUALITY CLAUSES	5/15/2015	1.00	\$0.00	\$0.00
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No

5/15/2015

**Procurement Quality Clauses**

A005 right of entry

A013 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A018 certification of material conformance

A019 quality management system

A020 certification by supplier

A021 union quality document

**Line Total:** \$0.00

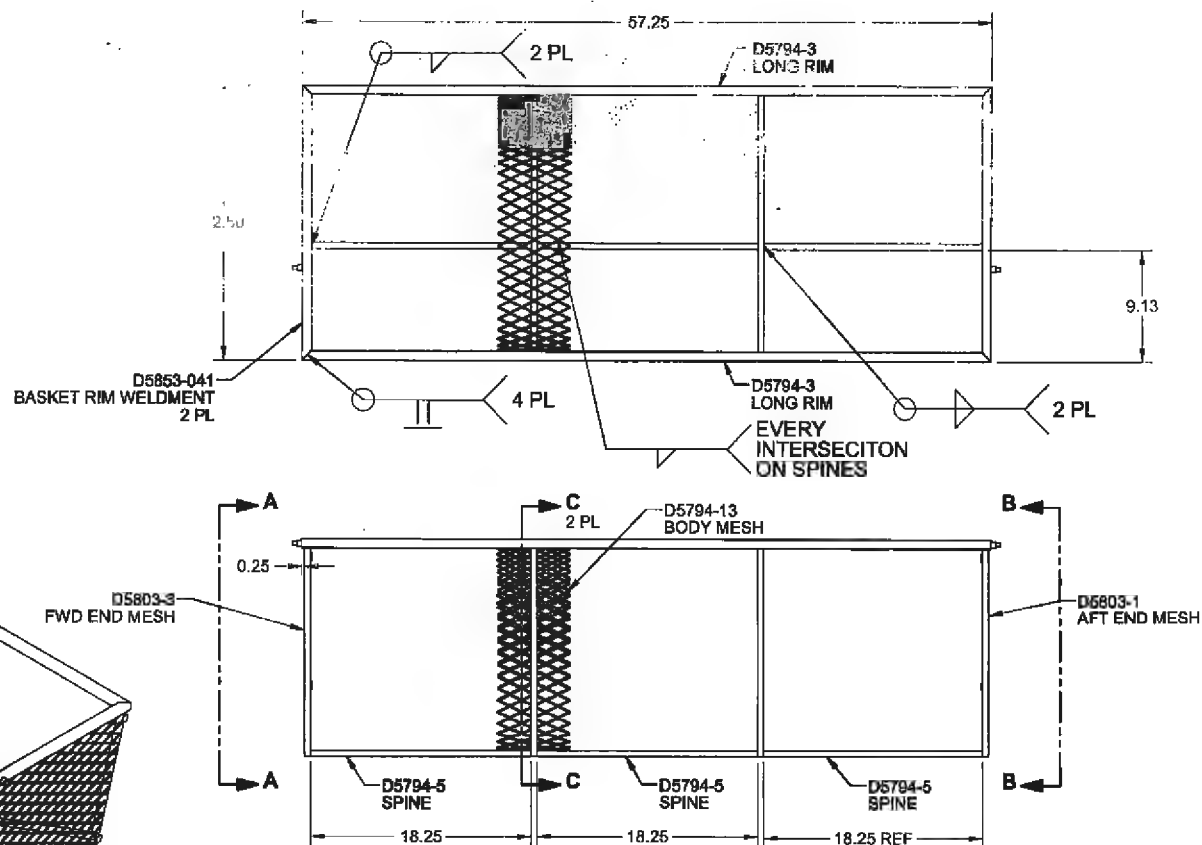
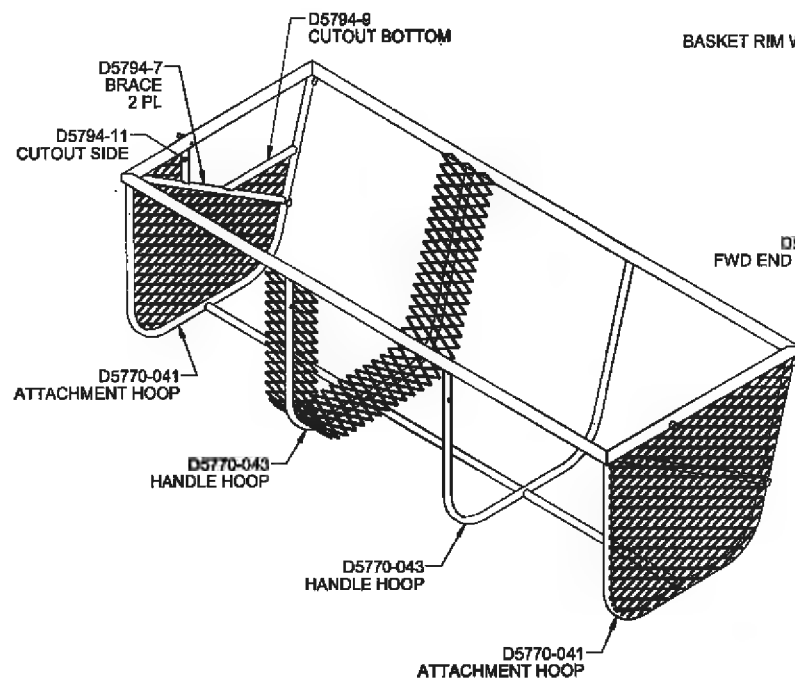
**PO Total:** \$1,839.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr:

Change Date: 5/8/2015

QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-3	LONG RIM
2	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-8	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH
2	D5853-041	BASKET RIM WELDMENT



**D5794-041 SHORT BASKET BODY, LH**  
(DERIVED FROM AERO DESIGN P/N 77611-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW  
URF 2020-522 20.02.14 (NO)

# NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
- 11) WELD EVERY MESH INTERSECTION

**RELEASED**

2020 FEB 18 NO  
ECN 2020-521

APPROVED

REV.	NEW ISSUE	DESCRIPTION	BY	DATE
DESIGN	ZF			
DRAWN	ZF			
CHECKED	KPT			
MFG. APPR.	DD			
APPROVED	NO			
DE APPR.	CP			
DATE	20.01.14			

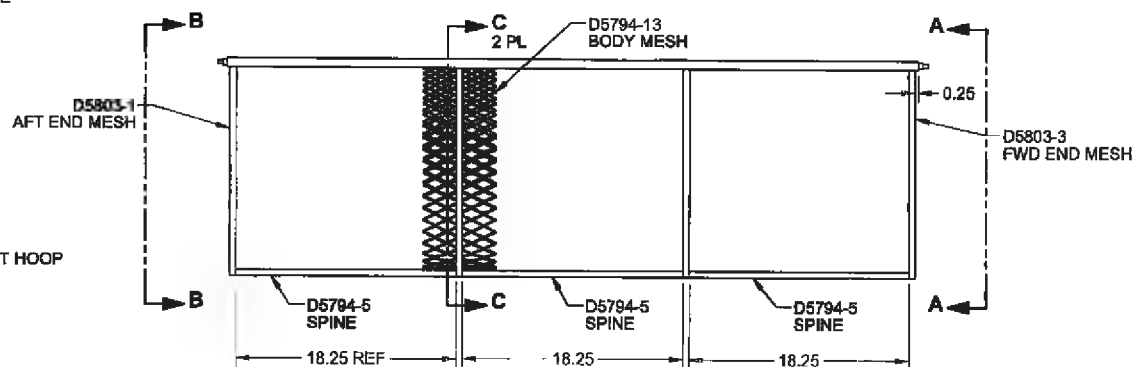
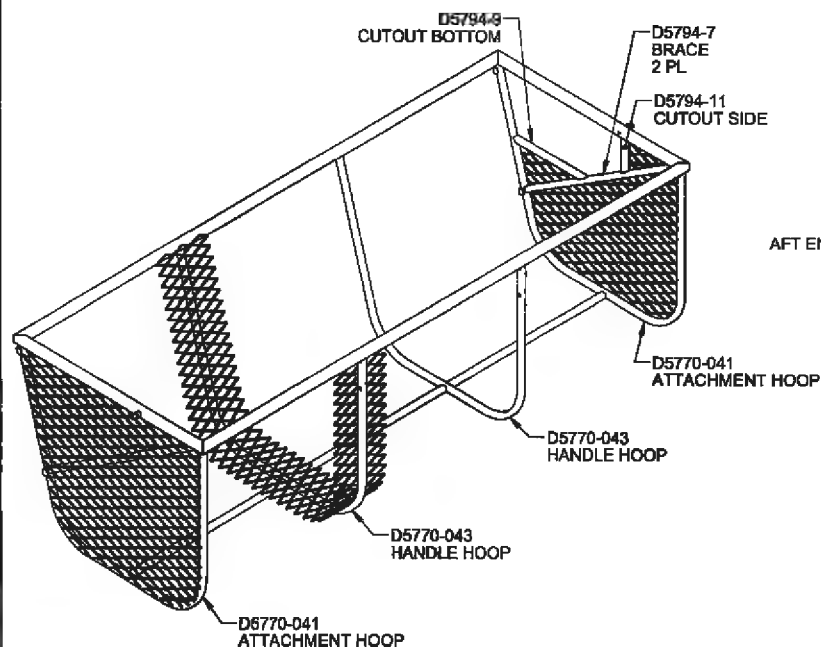
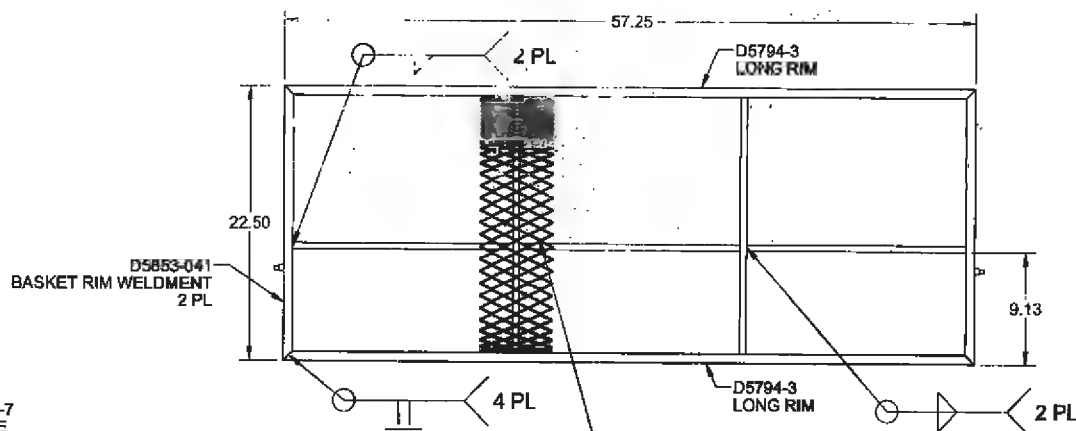
**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5794**  
TITLE **SHORT BASKET BODY**  
REV. A  
SHEET 1 OF 6  
SCALE  
NTS

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QTY -042	P/N	DESCRIPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



**D5794-042 SHORT BASKET BODY, RH**  
(DERIVED FROM AERO DESIGN P/N 77811-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

# NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.125) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
- 11) WELD EVERY MESH INTERSECTION

**RELEASED**  
2020 FEB 18 NO

APPROVED

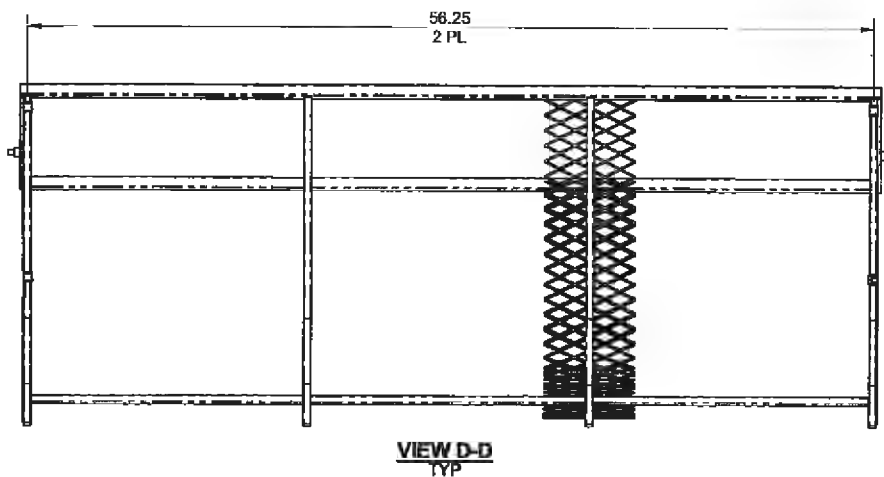
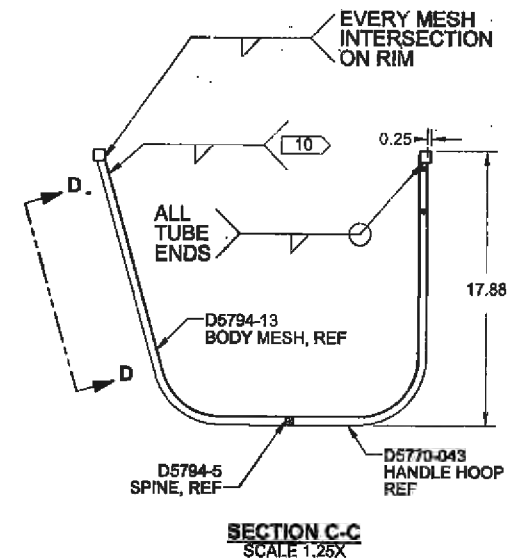
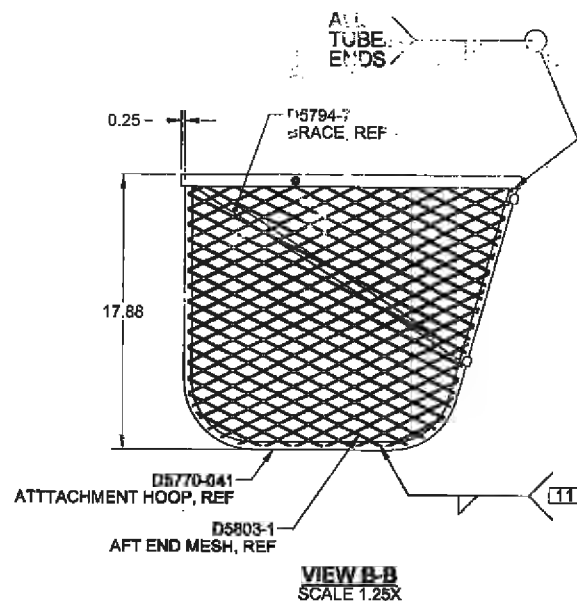
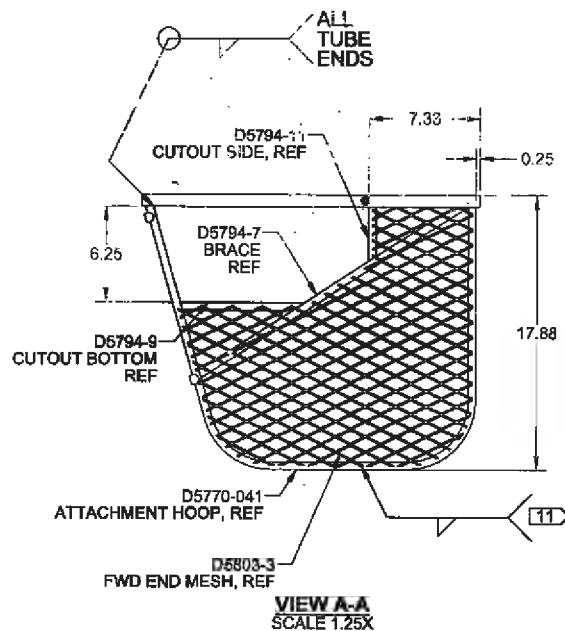
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DRAWN ZF  
CHECKED KPT  
MFG. APPR. DD  
APPROVED NO  
DE APPR. CP  
DATE 20.01.14

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO:  
**D5794**  
TITLE  
**SHORT BASKET BODY**

REV. A  
SHEET 2 OF 6  
SCALE  
NTS

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2020 FEB 18 No

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

APPROVED

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	REV. A
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	SHEET 3 OF 8
MFG. APPR.	DD	<b>D5794</b>	SCALE
APPROVED	NO	TITLE	NTS
DE APPR.	CP	<b>SHORT BASKET BODY</b>	
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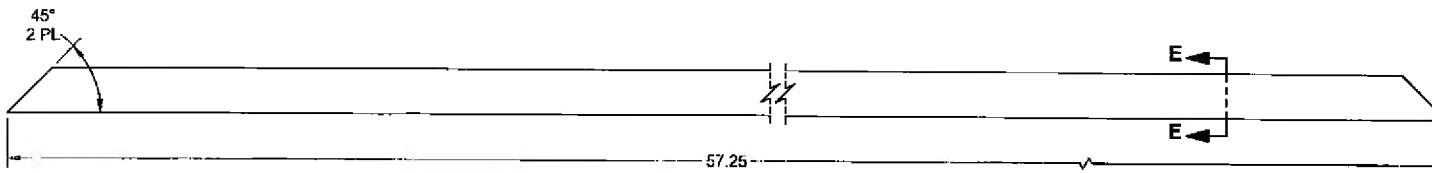
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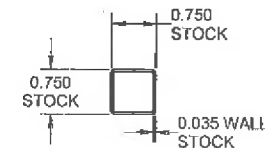
C

B

A



**D5794-3 LONG RIM**



**SECTION E-E**

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.750W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

**RELEASED**

2020 FEB 18 *no*

APPROVED

DESIGN ZF  
DRAWN ZF  
CHECKED KPT  
MFG. APPR. DD  
APPROVED NO  
DE APPR. CP  
DATE 20.01.14

ZF  
ZF  
KPT  
DD  
NO  
CP

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

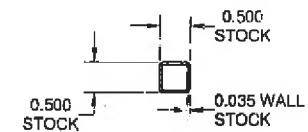
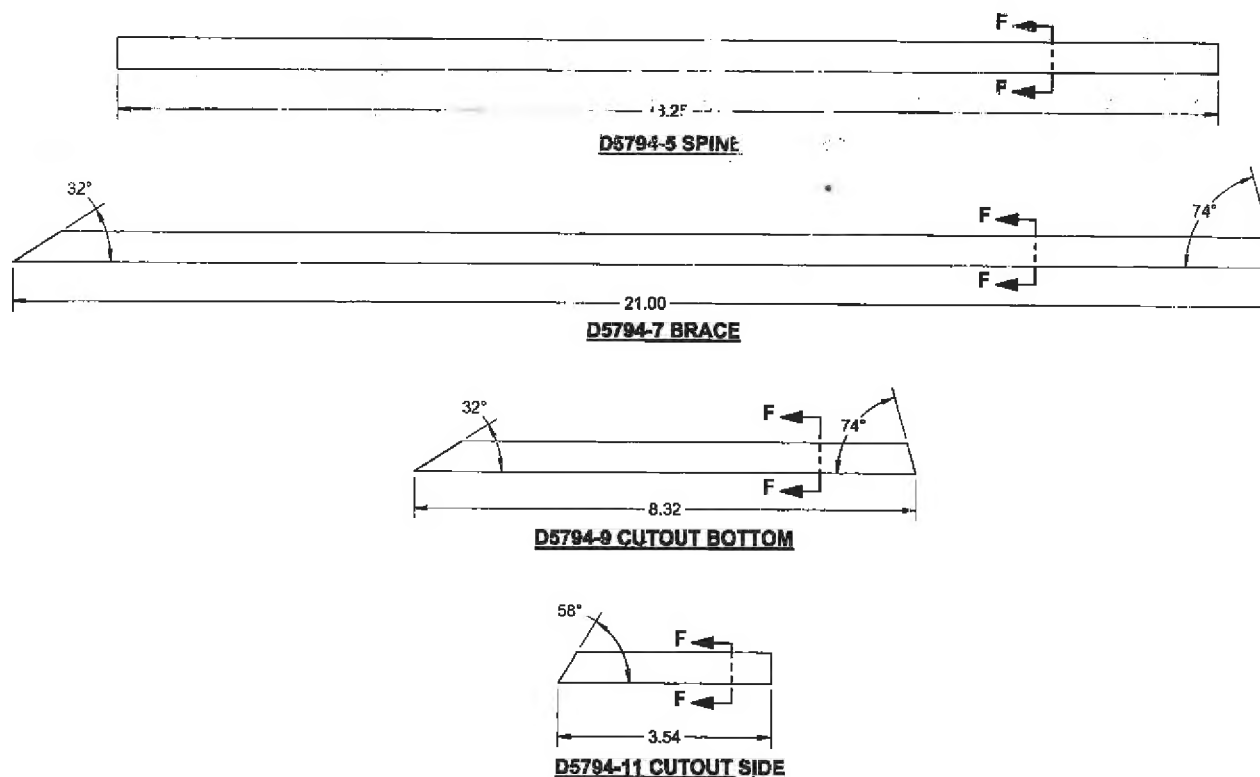
DRAWING NO.  
**D5794**

TITLE  
**SHORT BASKET BODY**

REV. A  
SHEET 4 OF 6  
SCALE  
NTS

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8 7 6 5 4 3 2 1



UNDER REVIEW

URP 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.32 lbs  
-7: 0.38 lbs  
-9: 0.14 lbs  
-11: 0.06 lbs

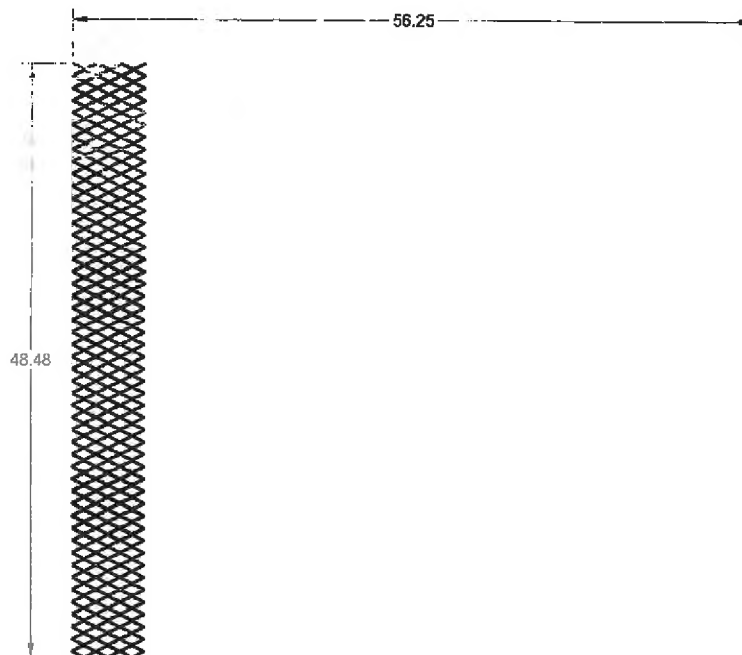
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2020 FEB 18 *NO*

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DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5794</b>	SHEET 5 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	<b>SHORT BASKET BODY</b>	NTS
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8 7 6 5 4 3 2 1



**D5794-13 BODY MESH**  
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1287 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs

**RELEASED**  
2020 FEB 18 NO

APPROVED

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5794</b>	SHEET 6 OF 6
APPROVED	NO	TITLE	SCALE
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8 7 6 5 4 3 2 1

# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

Date: 2020.02.14	Job No.: Aero2019	ADR Yes/No: N	ADR Date:	ECN #: 2020 521
Product No.: D350-1080 baskets		Created By: NO	Approved By: <i>[Signature]</i>	
Product Name: Quick Release Cargo Baskets		Checked By:		

**Reason for Change:**  
D350-1080 Baskets Limited Release #1

**Documents Released:**  
D5785 at Rev A, D5795 at Rev A, D5794 at Rev A, D5770 at Rev A, D5815 at Rev A, M304 TS at Rev E, M3003H22TP at Rev A, D5806 at Rev A, M302SW at Rev B  
D5759 at Rev A, D5805 at Rev A, D5803 at Rev A, D5853 at Rev A, D5765 at Rev A, D5760 at Rev A, D5761 at Rev A, D5802 at Rev A, D5808 at Rev A, D5810 at Rev A.

IF APPLICABLE: NCR: \_\_\_\_\_ PAR: \_\_\_\_\_ CAR: \_\_\_\_\_ CIR: \_\_\_\_\_ URF: 2020-522

PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☐ PREVIOUS PARTS SATISFACTORY ☒

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	Y	NO	ALL RELEASED PARTS PLACED UNDER REVIEW	<i>met. 20.02.18</i>
6	Update Master Document List (MDL)	N		NO MDL/STC FOR THESE PARTS AT THIS TIME	
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		<i>met. 20.02.18</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		<i>met. 20.02.18</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MG		<i>met. 20.02.18</i>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N		NO TOP LEVELS AT THIS RELEASE	
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	Y	MG	<i>No dwgs at suppliers</i>	<i>met. 20.02.18</i>
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		<i>met. 20.02.18</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

**Description / Action:**  
Releasing first batch of D350-1080 basket drawing updates for production under Limited Release per QSI 040.  
Place all parts under review, Engineering to sign off work orders for on risk production  
No STC for these parts at this time  
No nine digit BOMS/ROUTES/CHG#S for this release  
Previous Parts Satisfactory for M Drawing updates. M Drawings not under Review

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_